

American Recovery and Reinvestment Act of 2009: Green Capacity Building Grants

Recovery Act: Competitive Grants for Green Job Training

On February 17, 2009, President Barack Obama signed into law the American Recovery and Reinvestment Act of 2009 (Recovery Act) through which Congress intended to preserve and create jobs, promote the nation's economic recovery, and assist those most impacted by the recession. The purpose of these grants, which fund both green job training and research projects, is to teach workers the skills required in these emerging energy efficiency and renewable energy sectors. These efforts will lead program participants to job placement while leveraging other Recovery Act investments intended to create jobs and promote economic growth.

Green Capacity Building Overview

The Green Capacity Building grant program is intended to build the green training capacity of current Department of Labor grantees. Through these grants, the Employment and Training Administration (ETA) will help individuals acquire the skills needed to enter and advance in green industries and occupations by building the capacity of active DOL-funded training programs to provide education and training in the key skills and competencies that are needed in these green industries and occupations. Grantees may bolster the capacity of their training programs through the purchase of equipment, staff professional development, curriculum development and/or adaptation, partnership development, and where necessary, the hiring of additional staff.

Grantees

Sixty-two awards were made to the organizations listed below ranging from approximately \$42,000 to \$100,000.

Alabama

Grantee: Aletheia House

Location of Grant Activities: City of Birmingham and Jefferson County, Alabama

Amount of Grant: \$70,736

Key Partnerships: Aletheia House, Jefferson County Center for Workforce Development, Birmingham Career Center, Alabama Associated General Contractors

Project Description: This project will expand the capacity of the existing Birmingham YouthBuild program to include equipment and training that will be utilized to teach participants the skills required to increase the energy efficiency of commercial and residential buildings. The program will fund the recruitment and training of an additional instructor who will provide dynamic in-classroom and mentoring experiences to low-income, high-risk youth ages 19-24 who have previously dropped out of high school.

Project Outcomes: Anticipated program outcomes include the integration of an energy efficiency curriculum into the existing curricula; weatherization of 15 homes; and, the opportunity for participants to earn a nationally recognized credential.

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Birmingham, AL 35201

Alaska

Grantee: Cook Inlet Tribal Council, Inc.

Location of Grant Activities: Anchorage, Alaska

Amount: \$67,268

Key Partnerships: Cook Inlet Housing Authority and Alaska Works Partnership

Project Description: The applicant will enhance its YouthBuild project by providing 48 primarily Alaska Native or American Indian youth (16 to 24 years old) who have not graduated high school or obtained a GED with additional energy-efficient building, construction, and retrofit industry training that focuses on best practices in home weatherization. The program will provide participants with 40 hours of weatherization-specific training and 40 hours of hands-on home weatherization skill development, in addition to the existing YouthBuild program.

Proposed Outcomes: Proposed outcomes for the project include 48 participants completing enhanced weatherization training curriculum. Expected performance outcomes include 75% of participants completing high school or obtaining a GED while in the program, 65% retaining employment for up to 3 months, 75% being placed in jobs or training opportunities, and 100% participating and completing workforce preparation.

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Arizona

Grantee: Arizona Women's Education and Employment, Inc. (AWEE)

Location of Grant Activities: Greater Phoenix Metropolitan Area

Amount: \$100,000

Key Partnerships: The Phoenix Chamber of Commerce, The Arizona Green Chamber of Commerce, The Great Phoenix Economic Council, City of Phoenix Workforce Investment Board (WIB), and Maricopa County Community College District

Project Description: Arizona Women's Education and Employment, Inc. (AWEE) is building capacity to launch the Learning + Training + Earning = GREEN (L+T+E=GREEN) Project designed to teach workers the skills required in green industry employment. AWEE will integrate new curriculum, staff training, equipment, and vocational training services to prepare eligible adult ex-offenders for employment in the following occupations: 1) Solar Installers; 2) HVAC Installer/Technician; and 3) Weatherization Technician/Energy Auditor. The program will

utilize a multi-faceted approach in order to facilitate ex-offenders into new green career pathways.

Project Outcomes: In addition to the training of 25 participants and 12 staff members and supervisors, outcomes will include the development of a unique “Green-Connect” Job Club. This club will serve as a motivational job search and networking group activity that will bridge training and employment within the green industry.

Contact: Kerri Schultheis
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Phoenix, AZ 85003

Grantee: City of Phoenix

Location of Grant Activities: Phoenix, Arizona

Grant Amount: \$100,000

Key Partnerships: Arizona Green Chambers of Commerce, Rio Salado College Maricopa Skill Center, Maricopa Workforce Connections

Project Description: The City of Phoenix and its partners will implement the Phoenix Green Capacity Expansion. The three primary activities include National Center for Construction Education and Research accreditation; green curriculum development; and, establishment of the City of Phoenix Rio Salado College and the Maricopa Community College District Green Learning Campus.

Project Outcomes: Curriculum will be updated, project-based learning activities will be expanded, and a sustainability work plan will be developed to support the continuation of green training beyond YouthBuild participants

Contact: Tim Valencia
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California

Grantee: Able-Disabled Advocacy

Location of Grant Activities: San Diego, California

Amount: \$100,000

Key Partnerships: San Diego Workforce Partnership, San Diego-Imperial Counties Labor Council, California Department of Rehabilitation, City Heights Community Development Corporation, South County Economic Development Council, California Center for Sustainable Energy, and San Diego Association of Governments

Project Description: The project will enhance its capacity to teach program participants the skills needed for entry and career advancement in the green industries of Green Builder and Retrofitter; Solar System Installer; Wind Turbine Technician; and, Energy Efficiency Auditor. The project is intended to improve local job opportunities and promote independence, career success, and financial self-sufficiency for at-risk, drop-out youth with disabilities and low-income adults with disabilities.

Proposed Outcomes: Proposed outcomes include the establishment of a Green Industries Advisory Council; tailored curricula for entry-level “green collar” employers; staff and partner education and training in green energy efficient technologies; and, a green industries job fair.

Contact: Elaine Cooluris
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San Diego, CA 92105

Grantee: California Indian Manpower Consortium, Inc. (CIMC)

Location of Grant Activities: Sonoma and Mendocino Counties, California

Amount: \$100,000

Key Partnerships: U.S. Science and Technology (USST), Hopeland Band of Pomo Indians, Resource for Native Development, and Northern California Tribal Economic Development Consortium

Project Description: CIMC’s “Introducing New Technology and Green Jobs to Indian Country” program will develop curriculum for a three-tier training program to facilitate the development of jobs in local waste-to-energy facilities. The project funds will be focused on capacity building as well as a first tier, or entry-level core curriculum that will serve as a support system to prepare participants to succeed in conventional skills training as well as address “soft skills” such as interview techniques. As tribes send their members through this tri-level training program the goal is for the tribes to eventually assume ownership and management of the facility.

Project Outcomes: The anticipated outcomes of this project include a full training program that will address the need for training in the waste-to-energy industry. Additionally, participants will directly benefit as they gain training for a new green industry with the potential for fast growth.

Contact: Lorenda Sanchez
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Grantee: Coalition for Responsible Community Development

Location of Grant Activities: Los Angeles, California

Grant Amount: \$100,000

Key Partnerships: South LA YouthBuild, LA Trade Technical College (LATTC), Sempra Energy, California Public Utility Commission

Project Description: The Coalition for Responsible Community Development will expand South LA’s existing Youthbuild Program to establish the “Green Jobs Training Initiative.” The project team will develop a dynamic curriculum to include green construction, energy efficiency, and weatherization and provide professional development to faculty members. Additionally, a Green Jobs Pathway will be developed that will serve as a career ladder pipeline to help YouthBuild graduates transition into various green construction certificates or degree programs.

Projected Outcomes: This program projects the development of three curricula modules and career ladder brochures describing green job opportunities.

Additionally, thirty participants are anticipated to be exposed to green jobs curricula, training, career pathways, and certificate/degree programs through this initiative.

Contact: Mark Wilson
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Los Angeles, CA 90007

Grantee: Community Action Partnership of Sonoma County

Location of Grant Activities: Sonoma County, California

Amount: \$85,910

Key Partnerships: Sonoma County Workforce Investment Board (WIB), YouthBuild Santa Rosa, John Muir Charter School, Santa Rosa Junior College, State Employment Development Department, Solarworks

Project Description: The Community Action Partnership of Sonoma County will convert an empty high school into a vocational training center for entry-level solar installers and for energy efficiency home auditor training. Additionally, the county plans to expand their existing YouthBuild program in order to develop a Home Energy Rating System (HERS) curriculum. This program is a collaboration between YouthBuild Santa Rosa and the Workforce Investment System that will increase opportunities for YouthBuild graduates and create a pipeline of entry-level workers for the solar and energy audit fields.

Project Outcomes: The City of Santa Rosa and Sonoma County will have a vocational education center and new solar curriculum. The Center will have renovated classrooms for educational remediation, vocational labs for solar energy installation, and vocational labs for doing home energy consumption.

Contact: Oscar Chavez
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Santa Rosa, CA 95401

Grantee: County of Kern

Location of Grant Activities: County of Kern, California

Amount: \$100,000

Key Partnerships: Employers' Training Resource; Kern County Administrator of the Workforce Investment Act; Kern High School District

Project Description: This project will enhance an existing Energy and Utilities Academy to include a solar installation training program for adult farmworkers. The project will procure additional equipment to enable solar installation training, and will enhance the existing program through additional curriculum that will serve adult farmworkers, while at the same time offering youth hands-on experience in other green energy technologies. The project will also include staff development activities to maintain teacher qualifications in alternative energy subjects and provide staff with a better understanding of the green economy.

Proposed Outcomes: Outcomes for this project include course and professional development for staff; participant recruitment for the adult farmworker training sessions; and, the integration of new curriculum into the youth component of the

program. The project plans to serve 25 adult farmworkers each semester for a total of 50 per school year.

Contact: Verna Lewis
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Grantee: Los Angeles Communities Advocating for Unity, Social Justice, and Action, Inc. (LA CAUSA)

Location of Grant Activities: City of Los Angeles and County of Los Angeles, California (includes Boyle Heights and unincorporated communities of East Los Angeles, CA)

Amount: \$100,000

Key Partnerships: Los Angeles County Workforce Investment Board; Community Development Department of the City of Los Angeles; Los Angeles County Department of Public Social Services; East LA WorkSource Center; State and Los Angeles County Building Trades Council; Local Trade Unions: Carpenters, Labor, Mason, Painters, and Electrical (IBEW, ETI); Los Angeles Unified School District; REAS Energy; GRID Alternatives; Imani Energy; Energy Services and Technology; and Green For All

Project Description: Through this project, LA CAUSA will enhance the sustainability-related activities of its existing YouthBuild program. The enhanced activities include the development of a green building curriculum, which includes modules in renewable energy (solar and wind), water conservation, and energy efficiency and weatherization; solar accredited training for staff; weatherization certification for staff; and, purchase of a solar panel to train students in photovoltaic (PV) installation.

Proposed Outcomes: As a result of this project, 90% of the students within two LA CAUSA YouthBuild grant cycles will be trained with the organization's enhanced green building curriculum; three LA CAUSA trainers will be certified by the Solar Training Institute in Solar Installation; 90% of students will be trained in PV installation; and, 90% of the students will be trained in weatherization by certified staff.

Contact: Robert Zardeneta
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Los Angeles, CA 90022

Grantee: Mojave Basin Youth Corps, Inc. (MBYC)

Location of Grant Activities: Adelanto, Apple Valley, Hesperia, and Victorville, California

Amount: \$83,454

Key Partnerships: California Building and Construction Trades Council, Southern California Edison, Community Action Partnership of San Bernardino County, and Inland Empire Economic Partnership

Project Description: MBYC will extend its existing YouthBuild program to train its staff and program participants in green construction-related occupations. The

Mojave Desert is a prime location for the development of green industries and this training will help underprivileged youth learn job skills that are imperative to the future economic development of this region. Unique program features include training of program staff; a construction curriculum based on the National Center for Construction Education and Research (NCCER) "Your Role in the Green Environment" program; and, participant training in basic employment and communication skills.

Project Outcomes: MBYC will develop a dynamic NCCER curriculum that will effectively create career pathways for program participants in the field of green construction. Additionally, program staff and participants will be offered the opportunity to earn an industry-recognized certificate.

Contact: Jimmy Melton
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Grantee: Sacramento Regional Conservation Corps (SRCC)

Location of Grant Activities: Sacramento, California

Amount: \$92,820

Key Partnerships: North State Building Industry Association (BIA); California Environmental Technology Certification Program (CalCERT)

Project Description: Through this grant, the Sacramento Regional Conservation Corps (SRCC) project will add a home energy rating system (HERS) certificated program to its existing YouthBuild program. This Green Grant will train staff members in HERS who will then train participants, thereby creating a pipeline to more lucrative careers for YouthBuild participants.

Project Outcomes: Participants will receive additional credentials related to the HERS training in home energy audits that meet standards set by the California Energy Commission. SRCC's YouthBuild program is based upon a model that rehabilitates existing housing stock for low-income families, seniors and people with disabilities, and the beneficiaries of SRCC's program will be able to remain safely and affordably in their homes for many more years.

Contact: Andi Liebenbaum
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Grantee: San Diego Imperial Counties Labor Council

Location of Grant Activities: San Diego, California

Amount: \$100,000

Key Partnerships: San Diego Workforce Investment Board, Massachusetts Institute of Technology Fabrication Laboratory, Joint Apprenticeship Training Centers of the following union affiliates: International Brotherhood of Electrical Workers; UA Plumbers & Pipefitters Local 230; Laborers International Union of North America Local 89; and Sheet Metal Workers' Local 206

Project Description: This project will expand and refocus the existing curriculum of the applicant and its partners to emphasize emerging green sectors, competency models and more intensive instruction on a range of green career ladders. Staff will be trained on emerging green trends, green job opportunities, and requisite green job competencies. The applicant will also upgrade computer equipment and software to better deliver cutting-edge curriculum.

Proposed Outcomes: Outcomes include a research-based green jobs curriculum to serve as a road map for unskilled workers to obtain the skills to enter into union apprenticeships leading to jobs in the green economy. Other proposed outcomes include asset mapping, particularly around supportive services, and the development of “green” strategies that align regional economic recovery and growth strategies.

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Grantee: San Gabriel Valley Conservation and Service Corps

Location of Grant Activities: Los Angeles, California (eastern portion of Los Angeles County)

Amount: \$98,122

Key Partnerships: Los Angeles Trade Tech College (LATTC), YouthBuild Charter School of California; California Green Workforce Coalition; Local Unions 2295 and 1082; Housing Division in the City of Pomona; El Monte's City Manager's office; Mohr Solar Inc.; Energy Services Technology; Grid Alternatives; Single Family Affordable Solar Homes Project; Career Partners WorkSource; Goodwill WorkSource; Solar Training Institute; and ATR Consulting

Project Description: The project will upgrade its existing leadership and job readiness to allow San Gabriel Valley Conservation and Service Corps YouthBuild to implement a comprehensive program that will prepare hundreds of participants over the next three program cycles for careers in Photovoltaic (PV) installation, Weatherization, and Energy Audits.

Proposed Outcomes: This program is projected to yield significant gains in participant's job readiness and academic skills. It is anticipated that there will be a 20% increase in program completers earning their high school diploma or GED in preparation for matriculating into defined career pathways. Furthermore, 88% of completers are expected to be placed in employment or post-secondary education.

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Grantee: San Joaquin County Office of Education (SJCOE)

Title: San Joaquin County Office of Education Green Capacity Building Grant

Location of Grant Activities: San Joaquin County, California

Amount: \$70,000

Key Partnerships: City of Stockton, Housing Authority of the County of San Joaquin, San Joaquin Valley Green Job Corps, and San Joaquin Delta College (SJDC)

Project Description: Responding to recent green interest and initiatives from state and local government, the project will enhance its current training program to include green construction skills and certification opportunities for YouthBuild San Joaquin participants. Grant funds will be used to purchase Paxton/Patterson green construction skills curriculum and training, to train and certify staff in green construction (including certification in Occupational Safety and Health Administration (OSHA) safety and Leadership in Energy and Environmental Design (LEED), and to develop green construction curricula appropriate for YouthBuild San Joaquin participants that lead to industry recognized certifications.

Outcomes: After the curriculum development and successful training of key staff in the green construction sectors noted above, the initiative proposes to transfer the knowledge and expertise gained by staff into course training programs preparing YouthBuild San Joaquin participants for certifications in the following areas Paxton/Patterson Green Construction Skills and for certifications in OSHA safety including hazardous materials.

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Grantee: Women In Non Traditional Employment Roles (WINTER)

Location of Grant Activities: City and County of Los Angeles, California

Amount: \$100,000

Key Partnerships: County of Los Angeles, Los Angeles Unified School District, University of California Los Angeles-Labor Occupational Safety & Health Program (UCLA-LOSH), the Electrical Training Institute Apprenticeship (Local 11 IBEW-NECA), Heat & Frost Insulators & Allied Workers Training Apprenticeship (Local 5), Cover Me Green Roofing, Operating Engineers (Local 501 and Local 12), and City of Los Angeles Commission on the Status of Women

Project Description: The applicant will expand its current pre-apprenticeship job training curriculum and implement the project in collaboration with its partners, employers and union apprenticeships to include organizational development; and, the creation of an advisory committee, "Wintergreen Careers for Women."

Proposed Outcomes: Approximately 124 low-income women are expected to be trained and placed in green building careers, and the program will continue to provide this training to a minimum of 100 women per year and place them in green jobs for the next 5 years as a result of this grant.

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Los Angeles, CA 90007

Colorado

Grantee: Year One Inc. dba Mile High Youth Corps

Location of Grant Activities: City and County of Denver, Colorado

Grant Amount: \$99,855

Key Partners: Denver Office of Economic Development, Colorado Department of Labor, SkillBuild Colorado, Namaste Solar, Homebuilders Institute, Red Rocks Community College

Project Description: Mile High Youth Corps will implement a multi-pronged strategy to improve and expand the agency's capacity to provide green jobs training to YouthBuild participants. Capacity building strategies will focus on the energy-efficient building, construction and retrofit industry, the renewable electric power industry (solar) and the energy-efficient assessment industry, targeting high-growth occupations such as plumbing, electrical and carpentry apprenticeships, energy efficiency specialist, and weatherization technician.

Project Outcomes: Multiple credential options will be available to YouthBuild participants such as Building Analyst Professional Certification, Introduction to Energy Efficiency and Green Building Techniques (college credit course), and Pre-Apprenticeship Certification Training.

Contact: Brigid McRaith
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Denver, CO 80204

Connecticut

Grantee: Co-opportunity, Inc.

Location of Grant Activities: Hartford, Connecticut

Amount: \$69,933

Key Partnerships: Connecticut Department of Economic and Community Development, Connecticut Department of Environmental Protection and Labor, Office of Workforce Competitiveness, Capital Workforce Partners, Connecticut Business and Industry Association, Eastern Connecticut State, and Hartford Housing Authority

Project Description: The project will focus its capacity building efforts on deconstruction which means that workers dismantle buildings with the goal of preserving reusable materials and reducing landfill needs. The project will integrate deconstruction into its regular, 10-module PACT curriculum for YouthBuild Hartford (YBH) participants. The applicant intends to provide a Train-the-Trainer program to enable YBH's construction instructors to become licensed providers of deconstruction training.

Proposed Outcomes: The applicant will train 20 YBH students certify 2 - 3 YBH instructors as trainers for deconstruction, and provide internships to 3 YBH students. The applicant anticipates that approximately ten YBH students will be trained in deconstruction each year after the initial 3-year period.

Contact: Marlene Buchanan
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Hartford, CT 16105

Grantee: The WorkPlace, Inc.

Location of Grant Activities: Bridgeport, Connecticut

Amount: \$59,894

Key Partnerships: Carpenter's Union Local 210 (an affiliate of the New England Regional Council of Carpenters), Home Builders Institute (HBI), Bridgeport School System Adult Education Department, Career Resources, Inc., Housatonic Community College

Project Description: The WorkPlace, Inc. will train staff and participants in the emerging energy-efficient building construction and retrofit industries. YouthBuild Bridgeport will utilize the Pre-Apprenticeship Certificate Training (PACT) of the Home Builder's Institute (HBI) which integrates work-based learning with vocational and academic skills training, contextual learning, industry-focused job readiness, employability skills, career development, life skills training, and on-the-job training. Successful completion of the YouthBuild Bridgeport program will qualify graduates to enter apprenticeship in the Carpenter's Union Local 210 as a second year apprentice.

Project Outcomes: Proposed outcomes for this program include the development of a modified green curriculum used to train YouthBuild participants and opportunities for staff and participants to earn PACT and Leadership in Energy and Environmental Design (LEED) certificates.

Contact: Thomas Sobocinski
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Bridgeport, CT 06604

District of Columbia

Grantee: ARCH Training Center, Inc. (ARCH)

Location of Grant Activities: Washington, D.C.

Grant Amount: \$94,255

Key Partners: District of Columbia (DC) Apprenticeship Office, D.C. Workforce Investment Board, WDC Solar, D.C. Project, D.C. Green Jobs Corps

Project Description: ARCH will develop and/or adapt curricula focusing on two main industries, energy conservation and solar, and prepare trainees with the knowledge to take national and industry-recognized certification exams. Occupations within the industries for which the curricula will be developed include Energy Conservation Residential Weatherization Retrofit Specialist, Commercial Energy Conservation Specialist, Energy Auditor, Solar Energy Installer, and Photovoltaic.

Project Outcomes: ARCH will produce curricula, trainer manuals, and trainee manuals in the areas of residential and commercial weatherization, energy auditing, solar photovoltaic installation, solar hot water installation and solar panel assembly. A green job preparation guide will be prepared for graduates entering the

workforce, and an employer guide will be developed to help employers determine the skill sets of applicants. The number of individuals trained will increase by 35%.

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Washington, DC 20020

Grantee: Latin American Youth Center YouthBuild Public Charter School (LAYC YBPCS)

Location of Grant Activities: Washington, DC

Amount: \$100,000

Key Partnerships: MANNA, Inc; K.W. Smith & Son, Inc; Sustainable Community Initiatives (SCI)

Project Description: The grantee will expand its existing Department of Labor YouthBuild program by adding to its core vocational education offerings a Green Job Training component entitled *Training Green*. Latin American Youth Center YouthBuild Public Charter School will expand its current National Center for Construction Education and Research's (NCCER) Contren® Learning Series curriculum with *Your Role in the Green Environment* curriculum, which will provide all YouthBuild students with a foundation in green building practices. It will also add additional tracks in the fields of Heating, Air Conditioning and Ventilation (HVAC) and deconstruction for second-year student specialization.

Proposed Outcomes: Under the proposed initiative, the LAYC YBPCS will implement three new curriculum modules and train 100 students on green building techniques and skills.

Contact: Arthur L. Dade
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Washington, DC 20009

Florida

Grantee: Florida Institute for Workforce Innovation, Inc. (FIWI)

Location of Grant Activities: Alachua County, Florida

Amount: \$100,000

Key Partnerships: Santa Fe College, Alachua Habitat for Humanity, and National Center for Construction Education and Research

Project Description: The project builds the capacity of the Alachua YouthBuild project through a modified curriculum that supports green jobs classroom and hands-on construction training. The Employ Florida Banner Center will provide classroom-based instruction leading to green certifications, such as the Solar PV Technician Installation Certification Program and the Energy Auditor Certification Program. YouthBuild participants will receive hands-on construction training incorporating green technologies from the Alachua Habitat for Humanity's worksites.

Proposed Outcomes: Project outcomes include increased capacity of FIWI and its training partners to provide 45 YouthBuild participants with increased competencies

in the renewable energy fields of building construction, alternative power generation, and energy assessment. The project also will develop a GreenBuild website, job seeker orientation, and GreenBuild Operations Manual to build awareness of available green jobs.

Contact: Jonathan Leslie
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Melrose, FL 32666

Grantee: Urban League of Broward County

Title: YouthBuild Broward Capacity Building Green Grant

Location of Grant Activities: South Florida

Amount: \$100,000

Key Partnerships: Fort Lauderdale Housing Authority

Project Description: In partnership with the Fort Lauderdale Housing Authority, the Urban League of Broward County will expand core youth development programs to include course work in green building and green careers capacity building component. Course work in Sustainable Sites, Energy and Atmosphere, Water Efficiency, Materials and Resources and Indoor Environmental Quality will lead to entry-level certification in these fields for program participants. In addition to course work, housing units already identified, will be used for field work to provide hands on training to participants

Proposed Outcomes: After developing and integrating the green curriculum and training modules into the existing YouthBuild project, the program will have the capacity to train 50 participants per cycle.

Contact: Germaine Smith-Baugh
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Fort Lauderdale, FL 33311

Georgia

Grantee: Cobb Housing, Inc.

Location of Grant Activities: Cobb, Fulton, and Paulding Counties, Georgia

Grant Amount: \$100,000

Key Partnerships: HomeBuilders Institute, Southface, YouthBuild USA Green Fellows, City of Atlanta Workforce Development Agency, Home Depot Foundation, National Center for Construction Education and Research

Project Description: Cobb Housing will increase training capacity by enhancing their Pre-Apprentice Certification Training (PACT) construction curriculum to include modules on energy auditing, auditing software, energy assessing, and solar panel construction and installation. Cobb Housing will also purchase multimedia software for alternative energy training and blower door test equipment for energy auditing to increase professional development opportunities within the industry for the construction instructors through Southface and the HomeBuilders Institute.

Projected Outcomes: Program developers project that through this new initiative, 45 YouthBuild participants will be trained and certified as energy auditors and assessors.

Contact: Lance Wise
268 Lawrence Street, Suite 100
Marietta, CA 30060

Hawaii

Grantee: Maui Economic Opportunity, Inc. (MEO)

Location of Grant Activities: Maui, Hawaii

Amount: \$100,000

Key Partnerships: University of Hawaii's Maui Community College's Sustainable Living Institute of Maui (SLIM); Vital Innovative Training & Economic Development Center (VITEC)

Project Description: Through this program, MEO will develop a green training program to train an eco-friendly workforce in Maui County by addressing the skill challenges necessary to alter the infrastructure of the current workforce system. With the proposed grant, MEO will work with the Sustainable Living Institute of Maui (SLIM) to develop, test and refine a Small Business and Residential Photovoltaic (SBRPV) curriculum as well as a Commercial Scale Photovoltaic (CPV) curriculum. Students will work on actual installations as part of the course work, and gain the necessary knowledge and skills to apply for industry recognized credentials.

Project Outcomes: Project deliverables include the development of master SBRPV and CPV curriculum and hands-on training of 30 program participants.

Contact: Lyn McNeff
99 Mahalani Street
Wailuku, Maui, HI 96793

Illinois

Grantee: City of Peoria Workforce Development Department

Location of Grant Activities: Peoria, Illinois

Amount: \$100,000

Key Partnerships: National Center for Construction Education and Research (NCCER), Tri-County Urban League, Habitat for Humanity, Illinois Central College, Tri-County Construction Labor Management Council, and the West Central Illinois Building and Construction Trades Council

Project Description: The grantee will strengthen the current YouthBuild Peoria project by providing participants additional green building trades/construction skills through enhanced union apprenticeship programs, as well as by connecting youth to a new associate degree program in green construction. Youth participants will receive classroom based and hands-on training and skill development in cement

masonry, bricklaying, sheet metal working, plumbing, steamfitting, electrical, and carpentry.

Proposed Outcomes: An estimated 48 participants will complete the NCCER module “Your Role in the Green Environment.” Upon completion of this training, participants may take the Green Advantage green building certification exam and may earn an industry-recognized NCCER credential. This project will also offer 10 scholarships to successful completers at Illinois Central College for training in green building environment, construction management or participation in other related building trades certificates and/or associate degree programs.

Contact: Jennifer Brackney
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Peoria, IL 61602

Grantee: Comprehensive Community Solutions, Inc. (CCS)

Location of Grant Activities: Winnebago and Boone County, Illinois

Grant Amount: \$97,868

Key Partnerships: City of Rockford, Illinois Solar Energy Association, Illinois Renewable Energy Association, County of Winnebago, Illinois YouthBuild coalition, Rockford Region Green Jobs Action Team, Rockford Housing Authority

Project Description: CCS will extend its existing YouthBuild program in order to develop and implement green-collar training programs and partnerships to identify and meet workforce training needs and create career pathways for low-income residents. In phase one of the project, CCS will develop additional training programs building upon their existing workforce and community development initiative. The first phase will result in a combination of additional education and training initiatives, and consequent phases will involve the creation of several microenterprises and related businesses.

Projected Outcomes: CCS, Inc. will produce a comprehensive set of trainee and trainer manuals and information on current and future public policy changes that can/will impact green training programs.

Contact: Kerry Knodle
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Grantee: Easter Seals, Inc.

Location of Grant Activities: Chicago, Illinois

Amount: \$99,956

Key Partnerships: Chicagoland Chamber of Commerce’s Green Advisory Board, City of Chicago Department of Commerce and Economic Opportunity (DCEO), Chicagoland Business Leadership Network (CBLN), Chicago Sustainable Business Alliance, Disabilityworks (CCoC), and Wilbur Wright College

Project Description: Through this project, Easter Seals will augment the workforce development capacity of its Senior Community Service Employment Program (SCSEP) to engage with green industries in the Chicago metropolitan area through the development of a Green Pathway model. This Green Pathway model will route

SCSEP participants to one of three certificates or continuing education programs in green occupations at Wilbur Wright College in Chicago.

Proposed Outcomes: Participants who complete the training successfully will obtain certification of occupational skills recognized by the State of Illinois. Easter Seals will then connect those who complete the training with job placement opportunities with Chicago-area employers.

Contact: Ann Caldwell
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Chicago, IL 60606

Grantee: OAI Inc.

Location of Grant Activities: South Cook County (Riverdale, Blue Island, Dixmoor, Dolton, Harvey, Calumet Park, Robbins, and Chicago's 9th and 34th Wards)

Amount: \$100,000

Key Partnerships: Chicago's Department of the Environment (CDOE), Morton Arboretum, NeighborScapes

Project Description: By training staff to become instructors in a series of train the trainers efforts focused in Energy Efficiency, Green Construction, Environmental Protection and Agriculture, and Forestry; the capacity expansion initiative will open educational experiences and increase career potential for at-risk youth participants in Chicago's Southland YouthBuild Program.

Outcomes: After the successful training of key staff in the green growth sectors noted above, OAI Inc. will transfer the professional capital from staff development activities into training programs designed for YouthBuild participants in the following areas: green advantage training, tree care training, eco landscape training, spray foam insulation, weatherization, and energy performance standards.

Contact: Tipawan T.Q Reed
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Chicago, IL 60601

Grantee: Springfield Urban League, Inc.

Location of Grant Activities: Sangamon County, Illinois

Amount: \$100,000

Key Partnerships: Land of Lincoln Workforce Investment Board, Capital Area Career Center, Springfield Housing Authority

Project Description: Opportunity Green Works Program (OGWP) is developing a pioneering workforce initiative that will ensure that existing YouthBuild participants and communities of color have the necessary resources to access the opportunities of the growing clean energy economy, particularly the emerging green building sector. The OGWP will implement three major components: 1) utilize the National Center for Construction Education and Research (NCCER) "Basic Carpentry" modules; 2) YouthBuild participant job training/placement in green industry jobs; and, 3) community engagement through a green technologies workshop and job fair.

Project Outcomes: This program is targeting significant improvements in green awareness, employment status, and wages for the majority of participants. The

project anticipates that 70% of participants will complete the curriculum and obtain their green certificates. Furthermore, this program expects that 70% of participants will matriculate into entry-level green energy conservation or construction jobs.

Contact: Nina Harris
100 North 11th Street
Springfield, IL 62703

Grantee: Youth Conservation Corps (YCC)

Location of Grant Activities: Illinois and the Waukegan Area and other areas including North Chicago, Park City, Beach Park, and Zion

Amount: \$100,000

Key Partnerships: The National Association for State Community Services Programs (NASCS), Illinois Department of Commerce (IDOC), Illinois YouthBuild Coalition

Project Description: YCC will enhance their YouthBuild Program by incorporating three emerging green capacity building elements that include job training and certification in Deconstruction/Recycling, Weatherization, and Green Construction.

Outcomes: After the curriculum development and successful training of key staff in the green construction sectors noted above, the initiative proposes to transfer the knowledge and expertise gained by staff into course training programs preparing YCC participants for certifications in the following areas: LEED Council Weatherization program, TRP Deconstruction, and NCCER Green Construction.

Contact: Bob McCammon
Youth Conservation Corps
574 South McAlister Avenue
Waukegan, IL 60085

Grantee: YouthBuild Lake County (YBLC)

Location of Grant Activities: Lake County, Illinois

Amount: \$100,000

Key Partnerships: Lake County and the College of Lake County

Project Description: The program will expand its capacity to develop sectoral strategies that support the development of clear pathways and job placement for its trainees into the energy efficiency and renewable energy industries. Additionally, YBLC will integrate more specific skills and competencies into its training programs that will help connect its youth to green energy pathways and then provide professional development on these sector strategies for YBLC staff and the staff members of YouthBuild programs throughout the state of Illinois. All the trainees will receive classroom and hands-on training from YBLC's existing certified trainers utilizing the Home Builders Institute Pre- Apprenticeship Certification Training (HBI -PACT) using a new green version. In addition, YBLC will provide four green affordable home projects so the trainees from these programs will have the opportunity to learn hands-on deconstruction, green rehabilitation, and green new construction.

Proposed Outcomes: Proposed outcomes for the project include providing two key training programs that will train a minimum of 70 low-income young adults.

Contact: Laurel Tustison
3001 North Green Bay Road, Building 1
North Chicago, IL 60044

Grantee: YouthBuild McLean County

Location of Grant Activities: McLean County, Illinois

Amount: \$100,000

Key Partnerships: Heartland Community College, Farnsworth Group, Town of Normal, Central Illinois Green Building Council, Career Link, Ecology Action Center, Thermal Imaging Associates, Painters District Council #30, Illinois State University, Alliance for Environmental Sustainability, and Mid-West Renewable Energy Association

Project Description: The project will build the capacity of its YouthBuild grant in energy efficient building construction, retrofitting, renewable electric power, and energy efficiency assessment primarily for residential housing. Training efforts will focus on energy efficiency, sustainable residential housing using Leadership in Energy and Environmental Design (LEED), Energy Star certifications with the integration of solar (photovoltaic) and wind energies, and sustainable landscaping. The industries for which training will apply include residential and commercial green building, landscaping, wind and solar (photovoltaic) energy efforts, and weatherization.

Proposed Outcomes: Proposed outcomes include training and certifying instructors and students in the National Center for Construction Education and Research's (NCCER) "Your Role in the Green Environment" curriculum, Home Energy Rating System (HERS), and Solar (Photovoltaic) Installation.

Contact: Suzanne Fitzgerald
502 S Morris, Suite D
Bloomington, IL 61705

Indiana

Grantee: The Indianapolis Private Industry Council, Inc. (IPIC)

Location of Grant Activities: Marion County, Indiana

Amount: \$100,000

Key Partnerships: Indiana Community Action Association

Project Description: IPIC will provide a customized weatherization curriculum built upon core competencies identified by the Department of Energy (DOE) for the YouthBuild Indy (YBI) program. Weatherization training for YouthBuild Indy program participants and staff will be conducted through a partnership with the Indiana Community Action Association (IN-CAA) and will include the development of a weatherization curriculum and the provision of training, as well as the purchase of essential equipment to fulfill training activities.

Proposed Outcomes: The customized weatherization curriculum will be provided to 6- 10 YBI staff and 74 program participants. The expansion of this initiative will lead to clearly defined career pathways and ladders for participants in green building industries.

Contact: Brooke Huntington
151 N. Delaware Street, Suite 1600
Indianapolis, IN 46204

Kentucky

Grantee: Young Adult Development in Action, Inc. dba YouthBuild Louisville (YBL)

Location of Activities: Louisville, Kentucky

Grant Amount: \$100,000

Key Partnerships: Army Corps of Engineers, Eastern Kentucky University, Project Warm, Louisville Water Company, Jefferson County Public Schools

Project Description: This project will train low-income youth who have dropped out of high school in green building. Project staff will grow and sustain green building and conservation projects, and YBL will become instrumental in construction and land management initiatives in the community.

Projected Outcomes: Participants will obtain their GEDs, along with certifications through the Home Builders Institute Green Pre-Apprenticeship Certificate Training. A number of the participants will be placed in internships with YBL partners, and several certificates in green jobs will be created.

Contact: Lynn Rippy
800 West Chestnut Street, Room 106
Louisville, KY 40203

Maryland

Grantee: Episcopal Community Services of Maryland (ECSM)

Location of Grant Activities: Baltimore City, Maryland

Amount: \$97,128

Key Partnerships: Mayor's Office of Employment Development (MOED); Jumpstart, a partnership between the Job Opportunities Task Force and Associated Builders and Contractors; and Barclay Deconstruction Pilot Project

Project Description: The Jericho Re-entry Program, working under the auspices of ECSM, will partner with two existing workforce development programs to expand its job training into professionally recognized green industry jobs, including those in the energy efficiency and deconstruction occupations. The project will develop entry-level training in Baltimore's green construction industry. Specific training will include the construction of new green buildings, retrofitting residential and commercial buildings, deconstruction training, and installing other green construction technology.

Proposed Outcomes: Through this project, the grantee will develop curriculum, course materials, competency models and career ladders for occupations such as Hybrid Deconstruction. Participants will have access to expanded job opportunities and obtain workplace certifications, including OSHA's Lead Paint Maintenance and Re-Paint Supervisor.

Contact: Jean Cushman
1014 W. 36th Street
Baltimore, MD 21211

Grantee: Goodwill Industries International (GII)

Location of Grant Activities*: Phoenix, Arizona; Indianapolis, Indiana; Albuquerque, New Mexico; Fort Washington, Pennsylvania; Roanoke, Virginia; and Tacoma, Washington

Amount: \$100,000

Key Partnerships: Senior Community Service Employment Program (SCSEP) sub grantees, Mission Support

Project Description: GII will implement the Goodwill SCSEP Goes Green project to educate the staff of six SCSEP sub-grantees about how to create employment opportunities for program participants in green construction and sustainable agriculture. The target population for SCSEP grantees are veterans and qualified spouses, persons 64 and older and/or individuals with a disability, limited English proficiency, low literacy skills, and those who failed to find employment through WIA Title I Services. GII will develop a capacity-building training series to orient program participants to green jobs that can lead to an industry recognized certificate. The trainings will include case-based instruction and collaborative/group learning exercises with hands-on, practical study that will prepare participants for careers in green energy.

Project Outcomes: Anticipated outcomes include the development of a resource guide for green jobs with industry materials, exercises and guides for developing career pathways, and competency models for occupations in green industries.

Contact: Wendi Copeland
15810 Indianola Drive
Rockville, MD 20855

Massachusetts

Grantee: Community Teamwork, Inc.

Location of Grant Activities: Greater Lowell, Massachusetts

Amount: \$77,585

Key Partnerships: SunLight Solar, Greater Workforce Investment Board (WIB), University of Massachusetts Lowell (UML)

Project Description: Community Teamwork, Inc. (CTI), the local YouthBuild (YBL) sponsor for Lowell, Massachusetts will develop a comprehensive green construction training program in order to meet the demands of emerging clean industries. YBL intends to increase its capacity to provide green training and entry-level credentials

to its participants by expanding its current program to include a Green Module component particularly focused on solar installation and weatherization. They will employ a multi-faceted approach including professional development for YBL staff, development of an updated curriculum that includes classroom and on-site learning opportunities, and construction of solar laboratory to host classroom exercises.

Project Outcomes: The project anticipates developing a comprehensive solar installation training curriculum targeted specifically to the YouthBuild participant population that builds and improves on existing construction training and includes classroom and experiential learning opportunities. Additionally, the project will include the construction of a 5 Kilowatt Solar Lab simulator that will ensure the sustainability of training.

Contact: Cheryl Amey
167 Dutton Street
Lowell, MA 01852

Grantee: Old Colony Y

Location of Grant Activities: Fall River, Massachusetts

Amount: \$100,000

Key Partnerships: The City of Fall River, Fall River Housing Authority, Carpenter's Local 1305, Bristol Community College, and Diman Vocational High School

Project Description: This proposal will concentrate on building green capacity by providing training that produces workers for the emerging green industries and employs graduates who will become part of the workforce and provide products and services. The green construction instruction will include weatherization and retrofitting of older buildings; installing recycled rigid foam insulation, spray foam insulation and blown in cellulose insulation; techniques in window and door retrofits and air infiltration blockage systems; and instruction in renewable energy systems such as Photovoltaics and wind turbines.

Proposed Outcomes: Proposed outcomes for the project include participant training that will allow them to complete the construction of a green home based on the skills that they were taught. The home is expected to be ready for occupancy by June 2010.

Contact: Catherine DeTerra
320 Main Street
Brockton, MA 02301

Grantee: YouthBuild Boston, Inc.

Location of Grant Activities: Metro Boston, Massachusetts (focus on the neighborhoods of Dorchester, Roxbury, and Mattapan)

Amount: \$100,000

Key Partnerships: Next Step Living, Nuestra Comunidad CDC, New England Carpenters' Union, Office of the Governor, City of Boston Office of Jobs and Community Services, Shawmut Design and Construction, MA Division of Apprenticeship Training, Building Industry Partnership, SkillWorks, and NeighborWorks

Project Description: The applicant's proposed capacity building activities align with existing employer, educator, and funder partnerships which are already focused on the green industry sector and creating jobs in that sector. Proposed activities include LEED certification for five staff members, updating all curricula, improved credentialing through employer and government partnerships, and the purchase of training equipment for solar, weatherization retrofit, ground-up construction, facilities maintenance, and sustainable landscaping and water conservation career ladders.

Proposed Outcomes: Some of the proposed outcomes include producing a new, online curriculum for each track: construction, facilities maintenance, sustainable landscaping, and weatherization.

Contact: Ken Smith
504 Dudley Street
Roxbury, MA 02119

Grantee: YouthBuild USA

Location of Grant Activities*: Gulfport/Biloxi, MS (Harrison County)

Amount: \$78,047

Key Partnerships: Pearl River Valley Opportunity, Inc., Mississippi Power, Department of Human Service (DHS), Mississippi Development Authority (MDA)

Project Description: The "YouthBuild Gulfport Green Training" project will extend the existing YouthBuild program in order to build the capacity of its staff and provide additional equipment to train program participants in green construction techniques to prepare them for jobs in the green construction sector. Program participants will engage in intensive coursework that will incorporate weekly classroom instruction and hands-on, worksite skills training in weatherization, solar panel systems, and green building technology. Unique program characteristics, such as the Green Community Collaborative Speaker Training Series Forum that will bring local construction compact representatives to share how green technologies are incorporated in their daily work or industry trends in green occupations, will serve to further enhance participants' experience. Additionally, YouthBuild Gulfport will employ these techniques in its on-going construction and renovation of affordable housing in the Biloxi and Gulfport communities in Harrison County, Mississippi.

Project Outcomes: This program is anticipated to build the institutional capacity of YouthBuild to provide cutting-edge training by successfully training and certifying all four of YouthBuild's construction staff. Additionally, students will green six low-income homes while participating in consumer education classes, incorporating community building into the learning curriculum.

Contact: Jennifer Bastress Tahmasebi
58 Day Street
Somerville, MA 02144

Montana

Grantee: Blackfeet Tribal Business Council

Location of Grant Activities: Blackfeet Indian Reservation, Glacier and Pondera counties of Montana

Amount: \$96,257

Key Partnerships: University of Montana, Fort Peck Assiniboiné & Sioux Tribes, Working Friends One-Stop Center, Blackfeet Community College, Blackfeet Housing Architecture and Engineering

Project Description: The Blackfeet Tribal Business Council will add green components to its YouthBuild training program in cooperation with the University of Montana Great Falls' College of Technology. These components will include residential wind, solar and energy audit training. The initiative includes collaboration with the Fort Peck Assiniboiné & Sioux Tribes, who have recently entered into an agreement to begin the large-scale manufacturing of residential solar panels.

Proposed Outcomes: Through this project, 60 disadvantaged youth from the Blackfeet reservation will acquire marketable skills in emerging green technologies, helping to ensure that they can compete effectively in the local and regional labor markets. Additionally, one solar and one wind alternative energy system will be installed each year into residential homes on the Blackfeet reservation as an integral element of the YouthBuild coursework.

Contact: George Kipp
409 North Piegan Street
P.O. Box 1090
Browning, MT 59417

Nebraska

Grantee: Goodwill Industries, Inc., Serving E. Neb. and SW. Iowa

Title: YouthBuild Omaha

Location of Grant Activities: Omaha, Nebraska

Amount: \$71,714

Key Partnerships: Habitat for Humanity of Omaha, Metropolitan Community College, and Green Building Certification Institute, Tri-County Workforce Investment Board

Project Description: Through this green capacity-building initiative, YouthBuild Omaha will train at-risk youth in the emerging green-building industry. To provide green building instruction and curriculum for Youthbuild Participants, the initiative will train key staff in nationally-recognized green-building standards, to acquire new technology to teach trainees about home energy efficiency, to expand training curriculum, and finally to develop a weatherization skills training and curriculum development shop.

Proposed Outcomes: The efforts of the proposed capacity expansion will culminate in the construction of the first LEED-certified affordable home in Nebraska.

Additionally, this green capacity-building initiative will provide two deliverables for

the Employment and Training Administration and for other YouthBuild programs nationwide: 1) a completed construction and training curriculum including segments on green-building and weatherization; and, 2) a cost benefit analysis of energy and water usage for the recently constructed LEED-certified house compared to other Habitat houses built with more traditional design and materials.

Contact: Shane Nicholas Pekny
1111 S. 41st Street
Omaha, NE 68105

Nevada

Grantee: Southern Nevada Workforce Investment Board (SNWIB)

Location of Grant Activities: Clark County, Nevada

Amount: \$96,965

Key Partnerships: HomeFree Nevada, University of Nevada Las Vegas, Nevada Conservation League, NV Energy

Project Description: The “Greenformation” project will increase the capacity of the Youthbuild Las Vegas program to inform, educate, train, guide and place YouthBuild participants in green occupations. Through this project, YouthBuild staff and participants will be trained in whole-house energy efficiency and building performance testing, evaluation, and ways to upgrade existing homes to improve comfort, safety, health, durability and energy efficiency.

Project Outcomes: This program will culminate in staff and YouthBuild participants having the opportunity to earn the nationally recognized Building Analyst certification from the Building Performance Institute, Inc. (BPI) and the Residential Energy Services Network (RESNET), Home Energy Rating System (HERS) certification which will then enable them to introduce green construction principles and practice into each subsequent YouthBuild session.

Contact: Andrew Anderson
7251 West Lake Mead, Suite 200
Las Vegas, NV 89128

New York

Grantee: Northeast Parent & Child Society, Inc.

Location of Grant Activities: City of Schenectady and Schenectady County, New York.

Amount: \$100,000

Key Partnerships: New York State Energy Research and Development Authority (NYSERDA); HVCC Center for Energy Efficiency and Building Science (CEEBS); Building Performance Institute, Inc. (BPI); New York State Department of Labor; Schenectady County Job Training Agency WIB One Stop Center; Better Neighborhoods; Habitat for Humanity; Greater Capital Region Building and Construction Trades Council, Teamsters, Carpenters, Laborers, Steam Fitters, Electricians, Masons and Operating Engineers Union

Project Description: The proposed project will concentrate on building the capacity of the Schenectady YouthBuild Green Capacity (Energy Efficiency) Building Project. The program transitions from the traditional rehabilitation of affordable housing to an expanded model incorporating energy-efficient building, assessment and retrofit.

Proposed Outcomes: The proposed outcomes include five Northeast YouthBuild staff will receive the training and certifications to teach its participants in green and energy efficiency techniques and pass the BPI examinations for certification.

Seventy-two YouthBuild students will receive pre-requisite energy efficient skills awareness integrated in GED and construction training. Twenty-eight YouthBuild participants, ages 18-24, will receive the training leading to certification in BPI, and will be positioned to work in construction companies, certified by New York State Energy Research and Development Authority (NYSERDA).

Contact: Peter Frederick Stoll
530 Franklin Street
Schenectady, NY 12305

Grantee: Western New York AmeriCorps Fund

Location of Grant Activities: Erie County, New York

Grant Amount: \$100,000

Key Partnerships: People United for Sustainable Housing, Buffalo ReUse, New York State Energy Development and Research Authority

Project Description: Through this project, the *YouthBuild Goes Green* initiative will enhance the current program by providing professional development for staff and training students in weatherization. Participants will be trained to become accredited Building Analysts, allowing them to assess homeowners' heating, cooling, and air leakage problems.

Projected Outcomes: The program will produce updated curriculum and outreach materials reflecting the *YouthBuild Goes Green* initiative. Building Analyst certifications will be completed by 32 participants, who will also receive on the job training alongside building professionals.

Contact: Mark Lazzara
2001 Union Road
West Seneca, NY 14224

North Carolina

Grantee: Telamon Corporation (based in Raleigh, North Carolina)

Location of Grant Activities: Wicomico, Somerset, and Worcester Counties of Maryland; Sussex and Kent Counties of Delaware

Amount: \$100,000

Key Partnerships: Local Workforce Investment Boards, Lower Shore Workforce Alliance, local One-Stop Center system, Chambers of Commerce

Project Description: The project will effectively transition farmworkers and other unemployed workers into entry-level occupations within green industries and green-collar jobs. The project will develop an online training portal that includes

tools and resources for farmworker customers to upgrade their skills and to enter green jobs. Staff will receive training and professional development to become in-house experts in green industries.

Proposed Outcomes: Outcomes for this project will include the development of a minimum of 4 Train-the-Trainer modules to be provided to local and regional staff, and 4 Customer Training modules for farmworker participants. Farmworker participants will receive training in a user-friendly, multi-language “Local Green Jobs Resource Guide” that includes competency models and career ladders. The project anticipates serving hundreds of farmworkers each year with these tools and resources.

Contact: Jennifer Shahan
5560 Munford Rd, Suite 201
Raleigh, NC 27612

Ohio

Grantee: Improved Solutions for Urban Systems

Location of Grant Activities: Dayton, Ohio

Amount: \$100,000

Key Partnerships: The Job Center, Sinclair Community College Fast Forward Center, Home Builders Association of Dayton, Heapy Engineering, Ohio Valley Chapter of Associated Builders and Contractors, Inc., University of Dayton, Third Sun Solar and Wind Power, Ltd., Rotary Club of Dayton, Montgomery Juvenile Court, Montgomery County Public Defenders Office, and Children Services Board of Montgomery County

Project Description: The project enhances current training offered to YouthBuild participants and Construction and Manufacturing Institute students in construction trades to include energy efficiency, green building, green space management, photovoltaics, and the installation and retrofitting of renewable energy systems. The project expands the professional development opportunities for instructors related to green jobs.

Proposed Outcomes: The applicant plans to develop a competency-based curriculum for green collar job training in energy efficient and renewable energy careers, train participants in one or more green collar areas leading to industry recognized certifications and credentials. The project will also assist students in attaining high school diplomas and place high school graduates in employment or continuing education.

Contact: David Sutton
140 N. Keowee Street
Dayton, OH 45402

Oregon

Grantee: Portland YouthBuilders (PYB)

Location of Grant Activities: Oregon

Amount: \$100,000

Key Partnerships: Oregon Employment Department, Southeast Works One-Stop Career Center, Portland Community College, the Oregon Institute of Technology, and the Oregon Employer Workforce Training Fund

Project Description: Portland Youth Builders (PYB) will expand its current green jobs training program to prepare low-income youth for entry-level jobs and advanced training in the following energy efficient and renewable energy industries: energy efficient construction, weatherization, solar and wind energy, sustainable agriculture, and residential and commercial retrofitting.

Project Outcomes: Key modifications will be made to the PYB programs including the development of a weatherization pathway, the development of a green internship program, the enhancement of existing green curriculum based on feedback from the Energy Trust of Oregon, the establishment of key partnerships with Post-Secondary institutions and local green employers, and the construction of PYB-built Leadership in Energy and Environmental Design (LEED) certified homes.

Contact: Sid Klein
4816 SE 92nd Avenue
Portland, OR 97266

Pennsylvania

Grantee: Connection Training Services

Location of Grant Activities: City and county of Philadelphia; Bucks, Montgomery, Chester and Delaware Counties, PA; Camden and Gloucester Counties, NJ; Wilmington, DE and New Castle County, DE.

Grant Amount: \$100,000

Key Partnerships: Philadelphia Workforce Development Council, Philadelphia Workforce Investment Board, CareerLink, Homebuilders Association of the Delaware Valley, Delaware Valley Green Building Council, College of Philadelphia

Project Description: The program will focus on research and the development of a competency-based green jobs training program that meets the specifications of employers and a certifying entity and/or manufacturers of green products. These efforts include visits to 400+ area green jobs employers to determine hiring needs, competencies, technical skills and knowledge required.

Projected Outcomes: Curriculum, course materials and competency models will be created to meet employer needs, along with policies and procedures. Outreach materials will also be developed for distribution to organizations, employers and agencies. 80% of participants will successfully complete training.

Contact: Douglas Jacob Kissel
2243 W. Allegheny Avenue
Philadelphia, PA 19132

Grantee: Goodwill Industries of the Conemaugh Valley, Inc. (GICV)

Location of Grant Activities: Cambria and Somerset Counties, PA

Grant Amount: \$99,524

Key Partnerships: Southern Alleghenies Workforce Investment Board, Green Building Alliance of Pittsburgh, Greater Johnstown Career & Technology Center, Johnstown Housing Authority, Redevelopment Authority of Cambria County, University of Pittsburgh Department of Engineering, Weatherization Assistance Program

Project Description: GICV will build capacity to deliver green occupation-related training to the construction liaisons and participants of its YouthBuild Johnstown Program. Construction liaisons will gain the capacity to assist in the green occupational training of the current participants who will then guide training for future participants. The project will leverage existing resources in Pennsylvania's Alternative Energy Investment Plan to build skills for a series of shared occupations in key green sectors.

Projected Outcomes: GICV will acquire equipment to support weatherization training, and participants will gain experience through on-the-job training opportunities made available by partners. An estimated 18 trainees will receive industry-recognized certifications through this grant.

Contact: Dr. Marshall Hershberg
540-542 Central Avenue
Johnstown, PA 15902-2290

Texas

Grantee: American YouthWorks

Location of Grant Activities: Austin, Texas

Amount: \$100,000

Key Partnerships: National Association of Home Builders Pre-Apprenticeship Construction Training (PACT), City of Austin Green Builders Program, National Center for Construction Education and Research (NCCER), University of Texas School of Social Work Continuing Education Program

Project Description: Through this program, American YouthWorks will expand capacity in three successful existing programs at its Austin Green Jobs Training Center to include equipment and training that meets job force needs in the Energy, High Tech, and Environmental market sectors. The program will focus on training in weatherization, arborist, and computer refurbishing skills which are three distinct, but related skill sets. Participants will engage in a combination of on-site, hands-on training and classroom academic studies designed to develop their knowledge and skills pertaining to the greening economy.

Project Outcomes: Trainings will culminate with certifications specific to each industry; additionally, participants will obtain academic credits where available for these trainings. Material outcomes include new weatherization, arborist and computer refurbishing tools and work spaces to foster better collaboration between students.

Contact: Chester Steinhauser
American YouthWorks
216 E 4th Street
Austin, Texas 78701

Grantee: San Antonio Youth Centers (SAYC)

Location of Grant Activities: San Antonio, Texas

Amount: \$100,000

Key Partnerships: City of San Antonio, Alamo Colleges, Texas A&M University, City Public Service, San Antonio Water Systems, Workforce Solutions San Antonio, San Antonio Independent School District

Project Description: The project will help employ and train youth in three career ladders that include: construction, power/smart grids, and renewable energy. The project will foster community development and partnerships in green industries and sectors, equipment, training and professional development for the initiative.

Proposed Outcomes: Thirty-five existing students through Construction Corps will receive enhanced training and 35 new students will be trained through a newly established Environmental Corps, for a total of 70 high school dropouts benefiting from this program and receiving credentials in one of three areas identified as high-need green subsectors in San Antonio.

Contact: Cynthia Le Monds
1700 Tampico Street
San Antonio, TX 78207

Grantee: Walker Montgomery Community Development Corporation (WMCDC)

Location of Grant Activities: Walker Montgomery Counties, Texas

Amount: \$75,000

Key Partnerships: Gulf Coast Trade Center (GCTC), Texas Education Agency (TEA)

Project Description: WMCDC, in partnership with the Gulf Coast Trade Center (GCTC) Raven School, will implement a project to build staff capacity and upgrade its existing green building curriculum to train in the emerging areas of weatherization installation, energy auditing, and other related occupations. The project will employ a combination of proven strategies including staff workshops and certification, participant training involving approaches that support the development option and job placement, and the use of key equipment to ensure that participants receive a comprehensive knowledge and skill set.

Project Outcomes: Program outcomes include an upgraded curriculum, the training and certification of 25 participants, and the development of a program infrastructure that will allow WMCDC to expand its curriculum through the establishment of a Green Advisory Board.

Contact: Donna Glass
143 Forest Service Road
New Waverly, TX 77358

Utah

Grantee: Salt Lake City Community College

Location of Grant Activities: Salt Lake City County, Utah

Amount: \$96,211

Key Partnerships: Utah Department of Workforce Services (UDWS), Utah State Higher Education Commission, Governor's Office of Economic Development, and Utah Office of Energy, Associated General Contractors of Utah, Utah Homebuilders Association, Utah Science Center

Project Description: The initiative will provide expanded skills training in green construction industries and occupations through existing Salt Lake County College (SLCC) job training and placement programs. The SLCC programs work with youth from the Salt Lake County corrections system enrolled in the Salt Lake County Youth Employment Services (YES) program. In order to provide the foundation for skills training the proposed initiative will identify and purchase vital equipment, and develop curriculum. Skill expansion will then include training for entry-level positions in energy efficiency consultation, energy auditing green product sales, and photovoltaic and solar thermal installation.

Proposed Outcomes: The results of the proposed training expansion will lead to the development of the following certificates and curricula: Green Mechanical Awareness Certificate, Curriculum for Entry Level Photovoltaic and Solar Thermals Installation, and an adapted Curriculum for YouthBuild Populations. The program will feature three demonstration homes to display skills acquired during training.

Contact: Wayne Jolley
4600 S. Redwood Road
Taylorsville, UT 84123

Virginia

Grantee: Experience Works, Inc.

Location of Grant Activities*: 30 states and Puerto Rico

Amount: \$100,000

Key Partnerships: Workforce Investment Boards (WIBs), Chambers of Commerce, economic development councils, community service organizations, and employers

Project Description: The Experience Works program will develop and train staff by identifying high-growth green industry sectors in their communities and developing green sector strategies to bridge the gap between the skills needed by green industries, and the skills and abilities of participants in the Senior Community Service Employment Program (SCSEP). The curricula for *Developing Green Industry Sector Strategies for Employment of Older Adults* will focus on: 1) developing sectoral strategies for green workforce development; (2) identifying the training, including certification and credentialing, required for targeted green sectors; and, (3) working with community colleges and technical schools to develop education, training, and certification for targeted green industries. Taking these steps will build an infrastructure for placing SCSEP participants in green jobs for which they have been

trained and utilize emerging green industries as a path towards economic development in depressed areas.

Project Outcomes: Outcomes include the development of curriculum and course materials for green jobs, the presentation of a Developing Green Industry Sector Strategies for Employment of Older Adult webinar course, and the training of both staff and program participants in green career pathways.

Contact: Sally Boofer
4401 Wilson Boulevard, Suite 1100
Arlington, VA 22201

Grantee: National Institute for Metalworking Skills, Inc. (Headquarters: Fairfax, Virginia) (NIMS)

Location of Grant Activities*: State of Minnesota

Grant Amount: \$93,000

Key Partnerships: Minnesota Department of Employment and Economic Development, Minnesota Department of Labor and Industry, the Blue Green Alliance, National Tooling and Manufacturing Industry, Association for Manufacturing Technology

Project Description: NIMS will enhance its existing Youthful Offender Program, which targets extremely high-risk youth who are felons, to enable program participants to take advantage of the private sector job opportunities being created in the green economy. To facilitate this goal, program managers plan to use funds in order to train instructors, expand curriculum and course materials that lead to national credentials with embedded green jobs competencies, and develop strategies that support career pathways.

Projected Outcomes: Training will culminate in the opportunity for participants to earn four national industry certifications from the National Institute for Metalworking Skills: Commuter Numerical Control Operator; Measurement, Materials and Safety; Job Planning, Benchwork and Layout; and Metal Forming Level I. Additionally, 60 participants will be trained in green competencies.

Contact: Stephen Mandes
10565 Fairfax Boulevard, Suite 203
Fairfax, VA 22030

Grantee: Pathways VA, Inc.

Location of Grant Activities: Petersburg, Virginia and surrounding localities

Amount: \$100,000

Key Partnerships: Virginia Department of Housing & Community Development, Crater Regional Workforce Investment Group, Local Initiatives Support Corporation, Shalom Homes, Resourced Computer Solutions, The Home Builders Institute, National Center for Construction Education and Research, Studio Ammons, VA Cooperative Extension, Petersburg Redevelopment & Housing Authority, Department of Juvenile Justice, Randstad, Colonial Webb, and Bullock Painting

Project Description: The applicant will enhance and expand its programmatic offerings to YouthBuild students and graduates. Pathways VA, Inc. intends to tailor current YouthBuild tracks towards the greening workforce; develop new tracks that also prepare participants for employment in the green economy; and offer specialized training in energy efficient building, renewable power, and energy efficiency assessment to graduates. They will enhance current occupational training with a new green emphasis for Carpenter Helpers, Laborers, Construction Laborers, Roofers, Insulation Installers, and Sustainable Landscapers. The expansion of new YouthBuild components will include training for Weatherization Installers, and Recycling and Reclamation Workers.

Proposed Outcomes: Some of the proposed outcomes include two modified curricula; ten instructors will earn twelve new certifications; and 125 participants will receive training in the first year with a 10% increase in the second year.

Contact: Reverend Dwala Farrell
1200 W. Washington St.
Petersburg, VA 23803

Grantee: People Incorporated of Virginia

Location of Grant Activities: Southwest Virginia

Amount: \$42,793

Key Partnerships: Appalachian Regional Commission, University of Virginia, and Virginia Department of Housing and Community Development

Project Description: The project strengthens the capacity of the Bristol YouthBuild program to meet demand for trained and experienced weatherization and energy efficiency construction workers. Students will participate in classroom, lab, and hands-on training to learn how to properly identify and correct residential energy use problems.

Proposed Outcomes: Proposed outcomes include training for 28 YouthBuild participants for entry-level jobs in the energy efficient assessment industry, as well as developing and delivering 2 four-week employee training sessions.

Contact: Robert Goldsmith
1173 West Main Street
Abingdon, VA 24210

Washington

Grantee: Apprenticeship and Nontraditional Employment for Women (ANEW)

Location of Grant Activities: Western Washington state and Northwest Oregon

Amount: \$100,000

Key Partnerships: Oregon Tradeswomen, Inc. (OTI), Women in Apprenticeship and Nontraditional Trade Occupations (WANTO) consortium, Washington State Workforce Development Council, and South Seattle Community College

Project Description: The grantee will train its target audiences of women who are low-income, unemployed individuals, who may have a criminal record, veterans, and at-risk youth living in the Pacific Northwest Puget Sound Region and Greater

Portland Region for the country's expanding green industries. Capacity-building activities will grow ANEW and Oregon Tradeswomen, Inc.'s abilities to teach students the skills required in emerging energy efficiency and renewable energy industries, and connect them to employment in green industries. Its target industries are residential weatherization and energy efficiency, commercial energy efficiency and construction recycling, and hazardous waste disposal.

Proposed Outcomes: Anticipated outcomes include the development of a green curriculum, tracking of clear career pathway options so OTI's graduates can enter targeted fields more easily, and the training of over 100 students.

Contact: Johanna Chestnutt
6737 Corson Avenue
Seattle, WA 98108

West Virginia

Grantee: Southern Appalachian Labor School (SALS)

Location of Grant Activities: Fayette County, West Virginia

Grant Amount: \$98,700

Key Partnerships: Bridgemont Community and Technical College, Community Works, Federation of Appalachian Housing Enterprise, West Virginia Department of Education, Workforce Investment Board Region 1, YouthBuild USA

Project Description: Southern Appalachian Labor School (SALS) will train its staff and participants in green building, and offer non-credit and credit green building courses as well as the opportunity to continue working towards a Certificate and Associate of Applied Science Degree in Sustainable Technology. A series of green building workshops for staff and youth participants will be conducted by construction-related professionals from vendors, the construction trades, contractors, and government agencies.

Projected Outcomes: During the grant period, students will work on home components. Eighty percent of participants will complete Green Building courses offered by Bridgemont Community and Technical College, and half of the participants will have plans to continue with the educational career ladder.

Contact: John P. David
P. O. Box 127
Kincaid, WV 25119

Wisconsin

Grantee: Milwaukee Area Workforce Investment Board (MAWIB)

Location of Grant Activities: Milwaukee, Wisconsin

Amount: \$98,364

Key Partnerships: Milwaukee Builds (MB), Milwaukee Area Workforce Investment Board (MAWIB), Milwaukee Christian Center (MCC), Milwaukee Community Service Corps (MCSC), Northcott Neighborhood House (NNH), Wisconsin Regional Training Program/Big Step

Project Description: The “Milwaukee Builds” project will extend the existing local YouthBuild program in order to prepare youth and young adults for careers and employment in the energy construction and weatherization industries. A major goal of expanding Milwaukee Builds is to increase the ability to provide training that leads to industry-recognized certification. Program developers will use grant funds to update curriculum in order to increase classroom and field-based hours, purchase new equipment, and train participants in solar installation and weatherization skills.

Project Outcomes: Anticipated outcomes for this project include the development of a dynamic weatherization/solar panel installation curriculum to provide training for entry-level individuals with limited construction experience. Completion of the Milwaukee Builds program culminates in the PV Entry-Level Certificate of Knowledge.

Contact: Mark E. Kessenich
2338 N. 27th Street
Milwaukee, WI 53210

***Grantees are alphabetized using the organization’s headquarters location, but grant activities may take place in another state.**